

## REMARKS

Claims 1-35 were pending in the present application. Claims 1-18 are canceled in view of the previous restriction requirement. Claims 29 and 34 are amended, and claims 36-40 are added herein. Accordingly, claims 19-40 are currently pending. No new matter has been added. Applicant respectfully request reconsideration of the claims in view of the following remarks.

The Office Action stated that claims 19-28 are allowed.

The Office Action rejected claims 29-31, 33 and 35 under 35 U.S.C. § 102(b) as being anticipated by Allpress et al., U.S. Patent No. 5,956,345 (“Allpress”).<sup>1</sup> Applicant respectfully traverses the rejection.

Amended independent claim 29 recites “a coprocessor coupled to an output of the modem and to the RF circuit.” In Allpress, the components identified by the Office Action as the coprocessor, *i.e.*, blocks 302 and 303 in Fig. 3, are not coupled to an output of the components identified by the Office Action as the modem, *i.e.*, carrier 102 in Fig. 3. Accordingly, Allpress does not disclose every element of claim 29, and Applicant respectfully submits that claim 29 is not anticipated by Allpress.

Claims 30-31, 33 and 35, and newly added claims 36 and 37, depend from claim 29 and add further limitations. Applicant respectfully submits that these dependent claims are allowable by reason of depending from an allowable claim as well as for adding new limitations.

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<sup>1</sup> Applicant notes the Office Action cites Allpress by name but associates Pub. No. 2005/0073977 with Allpress. See Office Action at 2. Because Pub. No. 2005-0073977 is by Vanghi et al., Applicant assumes that the Office Action intended to cite Pat. No. 5,956,345 as the Allpress reference, as shown on form PTO-892 provided with the Office Action.

The Office Action objected to claims 32 and 34 as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Applicant has rewritten claim 34 in such a manner, and respectfully submits that claim 34 is allowable.

Newly added claims 38-40 depend from claim 34 and add further limitations. Applicant respectfully submits that these dependent claims are allowable by reason of depending from an allowable claim as well as for adding new limitations.

In view of the above, Applicant submits that all claims are in condition for allowance. No new matter has been added by this amendment. If the Examiner should have any questions, please contact Applicant's Attorney, Ron Neerings, at 972-917-5299. The Commissioner is hereby authorized to charge any fees due in connection with this filing, or credit any overpayment, to Deposit Account No. 20-0668.

Respectfully submitted,

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Date

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